



HT1220 Report

RECORD INFORMATION

Gene ID:	1220
Sequence ID:	1220
Protein ID:	1220
Sequence name:	thrombospondin 1, alt. transcript 1
Genome:	nucleus
Taxon:	Homo sapiens
Locus:	1220
Common Name:	thrombospondin 1
Role ID:	40

Coding sequence length:	3513 nt
Transcript sequence length:	5722 nt
Expression data:	<u>THC201673</u>

ACCESSION DATA

HT1220 is derived from accessions(s):

SP:P07296 (THROMBOSPONDIN 1 PRECURSOR.)
GB:X04665 (Human mRNA for thrombospondin)
GB:X14787 (Human mRNA for thrombospondin)
GB:U12471 (thrombospondin-p50 {Homo sapiens})
GB:M92425 (Human thrombospondin mRNA, 3' end.)
F18:G01478 (thrombospondin-p50 - human (fragment))
GB:U12471 (Human thrombospondin-1 gene, partial cds.)
GB:J04835 (Human thrombospondin gene, exons 1, 2 and 3.)
GB:M25621 (Homo sapiens (clone lambda-TS-33) thrombospondin (THBS) mRNA, 5' end.)

ALTERNATIVE SPLICING INFORMATION

Alternative splice forms for this gene:

HT3987 thrombospondin 1, alt. transcript 2

MAPPING DATA

GDB accession(s) for this gene:

GDB ID:	Symbol
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TEDANLIPFPVDDKFQDLVDVAVRAEKGFLLLASLRQMKTGTLALLERKDHSGQVFSV
SNGKAGTLDLSLTVOGKQHVVSVEEALLATGQWKSITLHVQEDRAQLYIDCEKMENAEILD
VPIQSVFTRDLASIALRLRIAKGGVNDNFQGLVQNVRFVFGTTPEDILRNKGCSSSTSULL
TLDNNVNVGSSPAIRITNYIGHKTKDLQALICGISCELSMVLRLGLRTIVTTLQDSIRK
VTEENKELANELRRPPLCYHNGVQYRNNEEWTVDSCTECHCQNSVTICCKVSCPIMPASN
ATVPDGECCPCRWPSDSADDDGWSFWSEWTSCTSCGNGIQQRGRSCDSLNNRCEGSSVQT
RTCHIQECCKRFKQDGGWSHWSFWSSCSVTGCGDVITRIRLNCNSPSPQMNKPKCEGEARE
TKACKKDACP INGGGW PWS PWD IC SVT CGGGVQKRSRLCNNPAPFGGKDCVGDVTENQI
CNKQDCPIDGCLSNPCFAGVKCTSYPDGSSWKCGACPPGYSGNGIQCTDVDECKEVPDADF
NHNGEHRCENTDPGYNCLPCPPRFTGSGQFFGGQVEHATANKQVCKPRNPCTDGTDCNKN
AKCNLYLGHYSDPMYRCECKPGYAGNGIICGEDTDLGWPNNENLVCVANATYHCKKDCNCPN
LPNSGGQEDYDKDIGDACDDDDNDKIPDDRDNCPFHYNPAQYDYDRDDVGDRCDCNCPYN
HNPDQADTDNNGEGDACAADIDGDGILNERDNCQYVYNVDQRDQTDMDGVGDQDCNCPLEH
NPDQLDSDSDRIGDTCNNQDIDEDGHQNNLDNCPYVNPANQADHDKDGKGDACDHDNDN
DGIPLDDKDNCRLPNPDQKDSGDGGRGDACKDDFDHDSVPDIDDICPENVDISETDFRRF
QMIPLDPKGTSQNDPNWVVRHKGKELVQTVNCDPGLAVGYDEFNAVDFTGTFINTERDD
DYAGFVFGYQSSSRFYVVMVQKVTQSYWDTNPTRAQGYSGLSVKVNSTTGPGEHLRNAL
WHTGNTPGQVRTLWHDPRHIGWKDFTAYRWRLSHRPKTGFI RVVMYEGKKIMADSGPIYD
KTYAGGRLGLFVFSQEMVFFSDLYECRDP



Figure 1D



HT2143 Report

RECORD INFORMATION

Gene ID: 2081
Sequence ID: 2143
Protein ID: 2125
Sequence name: thrombospondin 4
Genome: nucleus
Taxon: Homo sapiens
Locus: 2081
Common Name: thrombospondin 4
Role ID: 40

Coding sequence length: 2886 nt
Transcript sequence length: 3074 nt
Expression data: THC158897

ACCESSION DATA

HT2143 is derived from accessions(s):

SP:P35443 (THROMBOSPONDIN 4 PRECURSOR.)
GB:Z19585 (thrombospondin-4 {Homo sapiens})
GB:Z19585 (H.sapiens mRNA for thrombospondin-4)
PIR:A55710 (thrombospondin 4 precursor - human)

cDNA FEATURES

Feature	End 5	End 3
coding_seq	28	2913
3'UT	2914	3074

SEQUENCE

nucleotide:

```
gaattccggggagcagggaagagccaacatgctggccccggcgaggccgctcctcctg  
ctgcacctgggtcctgcagcgggtggctagcggcaggcgcccaggccacccccagggtcttt  
gacctctctcccatctctccagtcagaggctaaacccaggcgctctgctgccagtcctgaca  
gaccccgccctgaatgatctctatgtgatttccacotccaagctgcagactaaaagtcca  
gccaccatcttcgggtctttactcttcaactgacacagtaaatattttgaatttactgtg  
atgggagcgcttaagcaagccatctctccgttacctgaagaacgatgggaaggtgcatttg
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Figure 2A

ACDSCFPDVSFNQSDVDNDLVGDSCDTNQDSGDGHDSTDNCPTVINSAQLDTHKDGIG
DECDHDDDDNDGIPDLVPPGPDNCRLPNPAQEDSNSDGVGDI CESDFDQDQVIDRIDVCP
ENAEVTLTDFRAYQTVGLDPEGDAQIDPNWVVLNQGMELVQTMNSDPLAVGYTAFNGVD
FEGTFHVNTQTDDDYAGFIFGYQDSSSFYVVMNKQTEQTYWQATPFRAVAEPGIQLKAVK
SKTGPGEHLRNSLWHTGDTSDQVRLLLWKDSRNVGWKKVSYRWFLQHRPQVGYIRVRYE
GSELVADSGVTIDTTMRGGRLGVFCFSQENIINSNLKYRCNDTI PEDFQEFQTQNFDRFD
N



Figure 2C